10 96 Paped March 24 1824 W. S. H Gran

A Disertation On Deposition Submitted to the examination of the Medical faculty of the University For the degree of MB by Hosea Fithian of N. Tersey.

. A difsertation, on Dysentery.

This is a disease in which the intesting we with difficulty moved and when they are that discharge are chiefly muses, at the same time the natural feets are relained. Frequently the musey discharges are diseased with blood and one characterized by revere pripring frains and tensmey, bey often the discharges appear of on albuminous matine or sery thin, and watery, and measurements of something like hard limps of cheese, or assem pringing these, a membrane which resembles the internal court of the intesting; and some times from blood is rocided.

When the discharges take -

place they are very frequent and it is very relation that the rentinal frees appear in their and when they do it is in a compact and hardened

form denominated scybala. It was common among the uncients to seek for the more remote causes of this disease as, an acremony of the flue ids of injests of the bile and other abdominal recretions. Sydenham considers it a febrile disease directed to the intestines and thought it owing to a morbid matter brought to the intestines by The mesenteric actories. A kenside culled dyson tery a rheumatism of the alimentary canal, and thought dysentery and rheumatesin the same. Cullen defines it a contagious fever, in which the patient has frequent stools three ked with blood, But at the present poriod of medical secence it is not considered as such eacept when it puts on a Typhaia Type and when it assumes this form it is in damp crowed pla - ces as in camps goods hospitals and in armies_ where the roldier have been on long murches and exposed to heavy rains and in those places

it generally appears as an epidemic. ballon who gives the above definition considers the disease depending upon a preturnatural construction of the colon, But that it is a believe the ever may be inferred first promote evening most frequently in minormatic countries, and appearing in the beginning of accumus; secondly from its preceding and oriceceum, billious freeze, and being sometimes combines or complicated; therety from a yeldronely of them often accompanying the disease; and lastly from its being consed or greatly relieved by a few discharge of bile without by womiting or purging.

Opening may be

eaused by an increased territion of hele or it may be deficient It remains to account for those opposite states of the lever causing this disease. It may be imaginal that an eachive

quantity of bile of an accimonious qualitywill viritate the intertines and cause inflammation and subsequently opening that it only pressure a simple loosenife of the howels, it gradually washer of the museus of the intertine, crodes their membranes and at last brings on severe grips; with bloody stools

Cause of dysenting is suppressed secretion and secretion of hile or its retention in the steerstoon of hile or its retention in the steerstoon in the steerstoon in this part should cause pure to tenerouse in other heads of the alimentary could is no more association from that puin and its ing should be felt in the glands penis from an influence with also account for the production of the rubyest will also account for the production of formula and tenosmy from a defection recreation of bale. The feces on reaching the large intertion

are actumed there for a long time and appear to undergo a degree of incipient pertrepaction, evinced by the extraction of gases. The excrements theeken, hardon, and become formed or market which he with held of the colon, consequently if the bile he with held, he excurrentations matter arguines a present a recomment, new products originate and morbedly stimulate the coats of the intesting and morbedly stimulate the coats of the intesting a presence, progressly tingen with blood. The colon for want of the eternal of the bile, commot expel its contents, which produces of the bile, commot expel its contents, which is cause influenced as a present of present.

After what has been paid it remains for me to enginese into the causes which have ruch influence on the liver, These I shall divide into then
which act on the stormach primarily, and into
those which operate secondarily. In the first place
at generally occurs in March Minomatic coun-

tries, where this affluria is the most copious, & active, in conjunction with the visibiliales of the weather, and exposure to a moist, vitiated atmosphere. This taken into the stomach produces initation of that organ, and of the duodenum, which disorders the biliary aparatus. Iccornely it may occur from a sudden suppression of per-- spiration. He all know their is great sympathy between the okin and alumentary canal and particularly the liver. In looking over Johnson on tropical alimates, a work highly recommended by Dr Chaptman, he vays that in every case of Dysentery which came under his notice, two functions were deranged, these were the skin & liver, where it arose from the okin, there were cold clammy oweats, and where the liver was disordered, there were bilions rordes discharged. As dysentery often precedes or susceedes the fevers of our climate produced by march effluria, it

is often combined and puts on the different forms of Intermettent, and continued, and from this last it often ourks into the typhen form. which however is not often the case eacept when it occurs in low and crowded vituations. This disease has by many been considered contagious, but the mode in which it is propagated more resembles that of a complaint attacking women ber of inclined wals all caposed to the rame eaciting cause, and when the febrile rymptoms are communicated by contagion, the dysenterie symptoms are to likewise. Some have consid ered the contagion to arise from the filth of the pretients apartment, from feces and wine, remaining long in his chamber. But if this were the case Dr Chapman thinks, be the rame with every other disease and that days entery would be taken where the greatest attention is paid to cleanlings. When it is

imparted from one person to unother, it is sone in a direct mouner by contagion, which is secretic in the topphese state Though it one greates in this way I believe it to be very sel down, and that its general sharacter is that of an epidemic.

The symptoms of this deserve from what has formerly been raid will now be the Tudgest of this espay. It comes on as an accorded clusters of this case there is decayed affected degenerate out a chromise form, or this case there is decayed affected degenes of them, each feature, a limb yellow completion, great wesknep and consider of the housely, which will cometing a day or two wind continuing, of the housely with the will continue adjuster of the with me without by by slight chill will continue degree of fever, flushings of the face, het and dy whin, fuelse full and frequent though sometimes of the face, het and dy

quick and corded, fured tongue, graping frains in the bowels, followed by tenesmus. In the commencement of the complaint there is often nausen and romiting of hilions matter, together with tormina and tenesmus the rufferings of the patient is very much aggrovated whenever he attempts to make any exertion, and the most easy and comfor table position is when he is warm in bed . The patient has prequent desire to go to Hool, the little is boided except mucous sometimes streaked with blood, together with the ranguine appearance there is prequently discharged membranous filements, as it were the abrusion of the intestines, sometimes the evacuations are of a thin watery consistence, or of a bilious nature or appear like the washings of meat. As the disease advent bunces, it becomes more and more developed and every time the patient has a stool or a desire to void the contents of the bowels, he feels as

though the intestines were secending, and not unfrequently prolapsus ani, soes occur, that this is more frequent in children than in adult. In addition to the above remarks cases are related by Sydenhum that there were no dis. . charges at all, and that this arises from the inflamonation, transcending the secretory action, If this view of dysentery be correct, the indien tions of cure are sufficiently observers. The comedies here pointed out are those which we cale lated to remove influmnation, with the morbid unitation, to procuse a free discharge of the con tents of the bowels, and restore the skin to its healthy action. Here the luneet is the first rem. - edy to be resorted to, and is clearly pointed out by the symptoms attending, and is at the pre sent time generally employed. Eurly resorted to, it checks the inflummation and opens the susceptibility of the system to other remedies.

Emelies by the early writers were indiscriminately employed, and at the present time frequently indicated by the nausea and sickness of stomach together with a funed tongue. The next remedies which claim our attention are purgatives. Much has been said with regard to the ones which shout be employed, whether those of a mild nature or those which operate freely on the bowels. bullen says that the most gentle lucatives are the most rafe. But if gentle lavatures should not produce the evacuations, some pow expel medicines must be employed, and I have "rays he" found nothing more proper or convenient, then antimony given in small doses, and at ruch intervals as may determine their operation to be cheefly by stool. But the pur gatives which are generally employed are those which operate petty freely, and the one Ihave seen most frequently used is calomelalous

or in combination with some other of the class of Jungatives, and after evacuating the housels in this way employ castor oil to keep the bowels in a voluble state. The frequent and severe groping attending this disease, leads almost mecepacity to the use of opiates, but I have never seen them tried their early in the complaint. But to calm irrelation, and promote evacuations, injections have been given with the happiest effect. After promoting free discharges by stool, we should endeavour to excite perspiration by mild diaphoreties, and to answer this purpose balomel, opium and Specacuanha answers an excellent purpose given in small doses combined, This while it produces its diaphoretic effect, keeps the bounds open and allays irritation. I peracuanha alone has been highely extalled especially in thosecures accompanied with discharge of bloods To

promote the diaphoretic effect of these remedies, warm diluent beverages unswer very well, ouch as flux seed tea, balon tea, water greed to great benefit is also derived from external applications such as bags of warm much, bottles of warm wa tu, clothes weing out of warm water, or marin vineyar and water applied to the abdomen, Here the flannel roller, is very beneficial applied round the body and should envelope it completely Much has been raid of Specacuanha alone as a diaphoretic, this has long been employed in the practice and highy catalled by many practitioner the some give their testimony in favour of the untimorials but from the weight of authority I am disposed to give the preference to Speciaca anha. By bullen and Sir George Buker it is said to act as a purgative, but by Mosely it is considered advantagious in dysentery by relaxing the surface and exciting diaphoresis. Two modes

have been employed in the administration of this remedy. By blacke it is assessmended in the thape of a chyster to be repeated twice or thrice in twenty four hours this I have never seen employed in this way and from very respectu ble authority we are taught that a accortion of Specescianha is wholly inest. Mr Huyfuir gave it in druchm doses, combined with land unum, tho this is said to be more beneficial in the commoncement of the attack where the fram has been great und the derive to stool preguent and inefectual. Most writers agree as to the utility of blisters in this desense, deffering however in relation to the part where the application is to be made, by some it is conceded that they increase the sufferings of the patient when applied over the abdomers and give the extremeties the preference, but from the nature of the disease, and from unalogs

I am led to believe that when applied as near the reat of the complaint as possible, their bene freeal effects are far ouperior to those applied to the extremeties. In some cases of dysentery where the tormina and tensoming continues for some time, and poves a great source of irritation opium answers very well in the form of inger tion or where there is much excountion, a solid fill of opium introduced up the rectum, but the best injection is fresh butter or hops land, in this stage, I have been it given in several instan us with decided utility and while it calmes initation gently opens the bowels. Much has been raid with regard to sugar of lead, in com bination with opium, but I have never seen the former employed alone or in combination with the latter, and when given in this way Jam much disposed to ascribe the beneficial effects produced to the opium. Of mercury urgento

a subreation much has been raid by different writers & that it has been employed with rocals in this disease sunnot be denied especially in those cases where it produces a degree of prostration and rymptoms of a chronic nature, but in the early stage we are culled whom to reduce vascular action by more active measures, In the treatment of this disease it is necessary and a very exential part to attend to the dist of the patient, which should be of a mild mulestions nature, and principally fluid, which consists chiefly of demuleent drinks of which are harly or rice water, muciliage of gum arabic, or of the slipery elm, sago, arrow root, and chicken tea, and other articles of an easy digestivle nature.